□□□□□□□□□□□□

□□□□□□ 0711

□□□□□□ □□□□

□□□□□□ ______

□□□□□□ ______

□☑□□□/☑□□□□☐□□□□□□□□□□

□□□□□□□2021 □□□□□□□□

□□□□□□□□□□

2021 □ 7 □ 31 □

[illegible] 8 [illegible]	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible], [illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible] 3 [illegible] 3-6 [illegible] [illegible] 4 [illegible] 4-8 [illegible]

[illegible]

[illegible]

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible] 2 [illegible] 2 [illegible]
7. [illegible]

[illegible]

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible] 2 [illegible] 2 [illegible]
7. [illegible]

[illegible]

[illegible]≧ **32** [illegible]≧ **26** [illegible]≧ **7** [illegible]≧ **12** [illegible]≧ **6** [illegible]≧ **1** [illegible] **6** [illegible]

[illegible]≥ **22** [illegible]≥ **16** [illegible]≥ **6** [illegible]≥ **8** [illegible]≥ **1** [illegible]≥ **1** [illegible] **6** [illegible]

[illegible]≥ **48** [illegible]≥ **42** [illegible]≥ **13** [illegible]≥ **20** [illegible]≥ **7** [illegible]≥ **2** [illegible] **6** [illegible]

1. [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4122052	[illegible]	2	32	1	[illegible]	
	4122003	[illegible]	1	16	1	[illegible]	[illegible]
	4052001	[illegible]	2	32	2	[illegible]	
	4052002	[illegible]	2	32	2	[illegible]	
[illegible]	4472032	[illegible]	2	32	1	[illegible]	
	4472051	[illegible]	1	16	1	[illegible]	
	4472052	[illegible]	3	48	1	[illegible]	
	4472053	[illegible]	2	32	1	[illegible]	
	4472030	[illegible]	2	32	2	[illegible]	
	4472034	[illegible]	1	16	2	[illegible]	
	4472055	[illegible]	1	16	2	[illegible]	[illegible]
[illegible]	4472057	[illegible]	2	32	1	[illegible]	[illegible]
	4472035	[illegible]	2	32	2	[illegible]	
	4472036	[illegible]	2	32	2	[illegible]	
	4472037	[illegible]	2	32	2	[illegible]	
	4472038	[illegible]	2	32	2	[illegible]	
	4472041	[illegible]	2	32	2	[illegible]	
	4472056	[illegible]	2	32	2	[illegible]	
	4472058	[illegible]	2	32	2	[illegible]	
	4472059	[illegible]	2	32	2	[illegible]	
	4472060	[illegible]	2	32	2	[illegible]	
	4472061	[illegible]	2	32	2	[illegible]	
	4472062	[illegible]	2	32	2	[illegible]	
	4472063	[illegible]	2	32	2	[illegible]	
	4472065	[illegible]	2	32	2	[illegible]	
[illegible]	1052008	[illegible]	1	16	1-3	[illegible]	[illegible]

2. [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	4123001	[illegible]	2	32	1	[illegible]	
	4053001	[illegible]	2	32	1	[illegible]	
	4053002	[illegible]	2	32	1	[illegible]	
[illegible]	4473019	[illegible]	1	16	1	[illegible]	[illegible]
	4473020	[illegible]	1	16	1	[illegible]	[illegible]
	4473021	[illegible]	3	48	1	[illegible]	[illegible]
	4473022	[illegible]	3	48	1	[illegible]	[illegible]
[illegible]	4472057	[illegible]	2	32	1	[illegible]	[illegible]
	4473013	[illegible]	2	32	1	[illegible]	
	4473015	[illegible]	2	32	1	[illegible]	
	4473016	[illegible]	2	32	1	[illegible]	
	4473018	[illegible]	2	32	1	[illegible]	
[illegible]	1052008	[illegible]	1	16	1-3	[illegible]	[illegible]

3. [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4132001	[illegible]	3	48	1	[illegible]	
	4132002	[illegible]	2	32	1	[illegible]	
	4132003	[illegible]	2	32	1	[illegible]	
[illegible]	4473019	[illegible]	1	16	1	[illegible]	[illegible]
	4473020	[illegible]	1	16	1	[illegible]	[illegible]
	4473021	[illegible]	3	48	1	[illegible]	[illegible]
	4473022	[illegible]	3	48	1	[illegible]	[illegible]
[illegible]	4472057	[illegible]	2	32	1	[illegible]	[illegible]
	4473013	[illegible]	2	32	1	[illegible]	
	4473015	[illegible]	2	32	1	[illegible]	
	4473016	[illegible]	2	32	1	[illegible]	

	4473018	[illegible]	2	32	1	[illegible]	
[illegible]	1052008	[illegible]	1	16	1-3	[illegible]	[illegible]

[illegible] 4 [illegible]

[illegible]

1. [illegible]

[illegible] 2 [illegible]

[illegible] 120 [illegible]

2. [illegible]

[illegible] 2 [illegible]

[illegible] 120 [illegible]

[illegible]

1. [illegible]

[illegible] 2 [illegible]

[illegible] 10 [illegible] 2 [illegible] 1 [illegible] 1 [illegible]

[illegible] 1 [illegible] 1 [illegible] 1 [illegible]

2. [illegible]

[illegible] 2 [illegible]

[illegible] 10 [illegible] 5 [illegible] 1 [illegible] 1 [illegible]

[illegible] 1 [illegible] 1 [illegible] 1 [illegible]

[illegible] 2 [illegible]

[illegible] 20 [illegible] 50 [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	

2	[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	
6	Complexity	M. Waldrap	[illegible]	
7	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	
11	SCIENCE CHINA Information Sciences	[illegible]	[illegible]	
12	IEEE Transactions on Automatic Control	IEEE	[illegible]	
13	International Journal of Systems Science	[illegible]	[illegible]	
14	Int. J. of Management Science and Engineering	[illegible]	[illegible]	
15	Management	[illegible]	[illegible]	
16	European Journal of Operational Research	[illegible]	[illegible]	
17	[illegible]	[illegible]	[illegible]	
18	[illegible]	[illegible]	[illegible]	
19	[illegible]	[illegible]	[illegible]	
20	[illegible]	[illegible]	[illegible]	
21	[illegible]	[illegible]	[illegible]	
22	[illegible]	[illegible]	[illegible]	
23	[illegible]	[illegible]	[illegible]	
24	[illegible]	IEEE	[illegible]	
25	IEEE Transactions on Systems, Man, and	[illegible]	[illegible]	
26	Cybernetics: Systems [illegible]	IEEE	[illegible]	
	IEEE Transactions on Neural Network and learning			
	systems			

[illegible]

[illegible]

[illegible] 6 [illegible]

[illegible]

[illegible]

[illegible]

1. [illegible] 2 [illegible] 3-5 [illegible] 3 [illegible]

2. [illegible] 4 [illegible] 5 [illegible]

[illegible]

1. [illegible] 2 [illegible] 3-5 [illegible] 3 [illegible] 2. [illegible] 6 [illegible] 7 [illegible]

[illegible]

[illegible] [illegible]
[illegible] [illegible] 8000 [illegible] 30 [illegible] [illegible] 1-2 [illegible] [illegible] 1 [illegible] 2 [illegible] 3 [illegible] 4 [illegible] [illegible] [2020]3 [illegible] [illegible] [illegible] 10000 [illegible] 50 [illegible] [illegible] [illegible] 1 [illegible] 2 [illegible] 3 [illegible] 4 [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] SCI [illegible] 2 [illegible] EI [illegible] B [illegible] 1 [illegible] [illegible] [illegible] 1 [illegible] B [illegible] 1 [illegible]

[illegible]2[illegible]EI [illegible]1 [illegible]

[illegible]3[illegible] B [illegible] 1 [illegible]

[illegible]4[illegible] 1 [illegible]

[illegible]5[illegible]

[illegible][2016]23 [illegible]“[illegible]”[illegible] DOI [illegible]

[illegible]

[illegible]

“[illegible]”[illegible] 1+4 [illegible]1 [illegible]4 [illegible]“2+4”[illegible]2 [illegible]4 [illegible]

“[illegible]”[illegible]

[illegible]≧ 48 [illegible]≧ 42 [illegible]≧ 13 [illegible]≧ 20 [illegible]≧ 7 [illegible]≧ 2 [illegible] 6 [illegible]

“[illegible]”[illegible]

[illegible]

其　　它　　说　　明

（本页需在签字盖章后，上传 PDF 扫描件至本文档的下一页）

本学科（或二级学科）负责人签名：

2021 年 7 月 31 日

所在院部意见：

同意

负责人（签名）：

（加盖学院或学部公章）

青岛大学 自动化学院

2021 年 7 月 31 日

学位评定分委员会意见：

同意

负责人（签名）

2021 年 7 月 31 日

注：本模板标红部分为说明或举例，上报时请删除或替代为学院（学部）具体要求。